

ABSTRACT

A wireless technology (e.g., Wi-Fi) coexistence architecture and method are disclosed for managing potential conflicts between wireless technology interference sources. A coexistence driver maintains a conflict map identifying potentially conflicting wireless technologies on a computing device. Such technologies, due to their use of overlapping transmission frequency spectra, potentially create signal interference with one another while transmitting. Managing such conflict is carried out by initially identifying conflicts arising from wireless technology interference sources based on entries within the conflict map for a set of currently installed wireless technology interfaces. Thereafter the coexistence driver creates a virtual coexistence driver to manage an identified set of conflicting wireless technology interference sources, wherein the coexistence driver regulates transmission of data sets by wireless technology interfaces according to a coexistence scheme including priority-based data transmissions.